

## ABSTRACT

In a method of processing red eye in digital images, a skin area is first determined in an image. Then all inner boundaries within the skin area are picked up. The inner boundaries are matched with an eyelid quadratic curve to determine the location of the eyelid area. Red pixels within the eyelid area are then detected and filled up. A quadratic curve model can be further used to localize an iris area within the eyelid area to improve the precision of red eye localization as well as the processing speed.